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Reviewing the use of bespoke lab skill videos –stage 1 of creating a flipped lab

With increasing student numbers, limited lab space, and restricted access due to COVID-19, it has been more important than ever to make sure programmes that include core practical modules (such as Chemistry) are maximising the use of the lab time available to them. Inspired by the flipped classroom model, we aim to create a 'flipped lab' where students can use synchronous lab sessions most efficiently by arriving fully prepared (using a combination of pre-lab quizzes, simulations and skill videos). In Summer of 2020, a collection of bespoke skill videos, for use by years 1-3 in the 2020/21 academic year, was created based on student feedback of current resources. Now that these videos have been available to all students for the full academic year, the usage data, as well as staff and student reflections and feedback have been collected to review the effectiveness of the resources and to help direct the next stages of the project.

Key words

Chemistry Practical Lab Skill Videos

Region

UK/Ireland

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